

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	168486	stock	USPAT	OR	OFF	2007/06/19 16:10
L2	24746	stock?	USPAT	OR	OFF	2007/06/19 16:10
L3	525787	trad\$	USPAT	OR	OFF	2007/06/19 16:10
L4	151545	platform	USPAT	OR	OFF	2007/06/19 16:11
L5	1258264	system?	USPAT	OR	OFF	2007/06/19 16:12
L6	2045	(I2 or I3) adj (I4 or I5)	USPAT	OR	OFF	2007/06/19 16:12
L7	0	"I6.1b."	USPAT	OR	OFF	2007/06/19 16:12
L8	21	I6.ab.	USPAT	OR	OFF	2007/06/19 16:14
L9	1076	supply adj chain	USPAT	OR	OFF	2007/06/19 16:14
L10	3099	I6 or I9	USPAT	OR	OFF	2007/06/19 16:14
L11	211994	demand	USPAT	OR	OFF	2007/06/19 16:14
L12	212610	I9 or I11	USPAT	OR	OFF	2007/06/19 16:15
L13	460	I9 and I11	USPAT	OR	OFF	2007/06/19 16:17
L14	17	I13 and I6	USPAT	OR	OFF	2007/06/19 16:17
S2	11533	"705"/\$.ccls.	USPAT	OR	OFF	2007/03/27 14:03
S3	44552	"705"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 15:31



STIC Search Report

EIC 3600

STIC Database Tracking Number: 227868

TO: Kirsten Apple
Location: KNX 05A71
Art Unit : 3693

Case Serial Number: 09/548466

From: Paul Obiniyi
Location: EIC 3600
KNX 04 C25
Phone: 27734

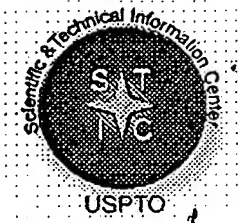
paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Apple,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul



STIC EIC 3600 Search Request Form

227988
Need by Next
Thurs.

Today's Date: 6/12/07 Class/Subclass 75/36 What date would you like to use to limit the search?
Priority Date: Other:

Name Kirsten Apple
AU Ble 93 Examiner # 2-91241
Room # Knx-5-A7 Phone 25588
Serial # 09/548, 466

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other _____

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Supply ADJ chain

or

forecast \$ NEAR demand
(NEAR automator)

AND

Forward OR Future or Option
ADJ contract



STIC Searcher Paul obinay Phone 27738
Date picked up 06/18/07 Date Completed 06/19/07





STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



show files

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200724

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT** 1979-2007/UB=20070614UT=20070607

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**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

; d s

Set	Items	Description
S1	2359	S SUPPLY()CHAIN? ?
S2	9321	S (SUPPLY() (PLAN? ? OR CHAIN? ?) OR SUPPLYCHAIN? ? OR DELIVER?) (7N) (OPTIMI?ATION OR OPTIM? ? OR MAX?)
S3	30500	S (FORECAST??? OR PREDICT??? OR EXPECT? OR FORESEE? OR ANTICIPAT??? OR GUESS???) (7N) (DEMAND OR NEED?? OR REQUIRE? OR WANT?? OR NECESSITAT?)
S4	308	S S3(7N) (AUTO OR AUTOMATIC? OR AUTOMATED OR SELF?)
S5	10970	S (FORWARD OR FUTURE OR OPTION OR FLEXIBLE) (7N) (CONTRACT? ? OR AGREEMENT? ? OR (MUTUAL OR RECIPROCAL OR BILATERAL) () OBLIGATION? ? OR CONSENT??? OR ACCEPT? OR SUBSCRI? OR COMMIT?)
S6	980274	S (NETWORK?? OR LAN?? OR WAN?? OR WEB?? OR LOCAL() AREA() NETWORK?? OR WORLD() WIDE() WEB OR INTERNET OR WEB OR INTRANET OR EXTRANET OR ONLINE OR ON() LINE)
S7	4	AU=(DAL?L, M? OR DAL?L M ? OR DAL?L(2N)M ? OR DALAL, L? OR DALAL L? OR DALAL(2N)L?) FROM 348, 349
S8	1	S S7 AND S1
S9	39	S (S1 OR S2) (3N) S3
S10	5	S S9(7N) S4
S11	10	S (S1 OR S2) (7N) S5
S12	9	S S11 NOT (S10 OR S8)

?

8/3K/1 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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00847374

METHOD AND SYSTEM FOR MULTI-ENTERPRISE OPTIMIZATION USING FLEXIBLE TRADE CONTRACTS

PROCEDE ET SYSTEME D'OPTIMISATION MULTI-ENTREPRISES UTILISANT DES CONTRATS COMMERCIAUX FLEXIBLES

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Legal Representative:

- **KENNERLY Christopher W(agent)**
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	Country	Number	Kind	Date
Patent	WO	200179960	A2-A3	20011025
Application	WO	2001US10782		20010402
Priorities	US	2000548466		20000413

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English

Filing Language: English

Fulltext word count: 11680

Detailed Description:

...BACKGROUND OF THE INVENTION

Various approaches have been developed to help optimize one or more **supply chain** activities within an enterprise. These approaches have typically addressed only the needs of a single enterprise, rarely focusing on optimizing **supply chain** activities involving multiple enterprises.

Such approaches usually assume that the enterprise only considers its own... by taking into account these needs and interests. When multiple enterprises become involved in a **supply chain** activity, optimization rules usually must be negotiated. Previous approaches typically do not account for this... needs and capabilities of trading partners. These enterprises may use this improved visibility to optimize **supply chain** activities between the enterprises. A further advantage is the ability to readily and flexibly create... Buyer computers 20 and seller computers 40 cooperate to attempt to optimize one or more **supply chain** or other suitable activities between buyers associated with buyer computers 20 and sellers associated with... to assist buyer computer 20 in negotiating and executing flexible trade contracts or other suitable **supply chain** related contracts with appropriate seller computers 40. Seller computer 40 may include a supply manager... to assist seller computer 40 in negotiating and executing flexible trade contracts or other suitable **supply chain** related contracts with appropriate buyer computers 20.

Buyer computers 20 and seller computers 40 communicate... addition, each type of flexible trade contract may be used in optimizing a multi-enterprise **supply chain** activity in a different way. For example, forward contracts may reduce time-based safety stocks... flexible trade contracts help provide a balance of benefits between the enterprises in the **supply chain**.

Once the terms of the proposed contracts have been negotiated, the contracts are executed. In... violation of the contract's terms. Through the use of flexible trade contracts, system 10 increases **supply chain** efficiency by providing a comfortable level of certainty in the obligations of each party, while 40 may impose penalty 590 on buyer 578.

System 10 provides significant advantages in optimizing **supply chain** activities in a multi-enterprise trading environment. Through a variety of mechanisms,

t /3,k/all

10/3K/1 (Item 1 from file: 348) **Links**

EUROPEAN PATENTS

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02043310

New product demand forecasting

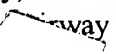


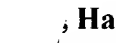
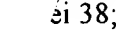
Vorhersage der Nachfrage nach neuen Produkten

Prevision de la demande de nouveaux produits

Patent Assignee:

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Dietmar-Hopp-Allee 16; 69190 Walldorf; (DE)
(Applicant designated States: all)

Inventor:

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Bettinger Schneider Schramm, Patent- und Rechtsanwälte, Postfach 86 02 67; 81629 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	1647927	A1	20060419	(Basic)
Application	EP	2004105097		20041015	

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR;

Extended Designated States:

AL; HR; LT; LV; MK;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0010/00	A	I	F	B	20060101	20060224	H	EP

Abstract Word Count: 62

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200616	853
SPEC A	(English)	200616	3855
Total Word Count (Document A) 4708			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 4708			

Specification: ...A1

BACKGROUND OF THE INVENTION

I. Field of the Invention

The invention relates to **automated supply chain** management. Specifically, **predicting future demand** for a set of new products.

II. Background Information

A supply chain is a network...

10/3K/2 (Item 1 from file:349) [Links](#)

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01357270

CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE COHERENT D'INTERFACES DERIVEES D'UN MODELE D'OBJET COMMERCIAL

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10/3K/3 (Item 2 from file:349) [Links](#)

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01148353

INTEGRATED SUPPLY CHAIN MANAGEMENT

GESTION DE CHAINES D'APPROVISIONNEMENT INTEGREE

Patent Applicant/Patent Assignee:

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Legal Representative:

- **ALLEN Gregory D(et al)(agent)**
Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427; US;

	Country	Number	Kind	Date
Patent	WO	200470518	A2	20040819
Application	WO	2003US38856		20031208
Priorities	US	2003357269		20030131

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ;
TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English

Filing Language: English

Fulltext word count: 10334

Claims:

...data from all stages of the supply-chain, and more 1 0 accurately identifies trends, **predicts demand** for inventory,

and **automatically** adjusts inventory levels. Based on the **predicted demand**, **supply chain** management system 4 may generate electronic orders for the purchase of additional inventory at various...

10/3K/4 (Item 3 from file:349) [Links](#)

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01053525

EXCHANGE INFRASTRUCTURE SYSTEM AND METHOD

PROCEDE ET SYSTEME D'INFRASTRUCTURE D'ECHANGE

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(For all designated states except: US)
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(Designated only for: US)
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(Designated only for: US)
- **LIENERT Christian**; Forsthausstrasse 8, 64347 Griesheim
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(Designated only for: US)
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(Designated only for: US)
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(Designated only for: US)
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- **LIENERT Christian**
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- **MEINERT Holger**
Fasanenweg 9a, 69242 Muhlhausen; DE; DE(Residence); DE(Nationality); (Designated only for: US)
- **REINER Kurt**
Sandhaeuser Strasse 2, 68723 Oftersheim; DE; DE(Residence); DE(Nationality); (Designated only for: US)
- **WEBER Paul**

Gerbereistrasse 8/1, 69168 Wiesloch; DE; DE(Residence); DE(Nationality); Designated only for: US)

Legal Representative:

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Muller-Bore & Partner, Grafinger Strasse 2, 81671 Munchen; DE;

	Country	Number	Kind	Date
Patent	WO	200383600	A2-A3	20031009
Application	WO	2003IB1790		20030328
Priorities	US	2002368848		20020328
	US	2003402349		20030327
	US	2003402351		20030327
	US	2003402862		20030327

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5558

Detailed Description:

...can be published, discovered or invoked through an open Internet standard.

[0004] Processes such as **supply chain** planning, sourcing, and **demand forecasting** are **automated** across enterprises and within regions, and can be implemented across systems at only marginal communication...

10/3K/5 (Item 4 from file:349) [Links](#)

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01006987

A NOVEL PHARMACEUTICAL COMPOUND CONTAINING ABACAVIR SULFATE AND METHODS OF MAKING AND USING SAME

NOUVEAU COMPOSE PHARMACEUTIQUE CONTENANT DU SULFATE D'ABACAVIR ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES

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(For all designated states except: US)
- **PICARIELLO Thomas**; 203 Murphy Street, N.E., Blacksburg, VA 24060
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Patent Applicant/Inventor:

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Legal Representative:

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Intellectual Property Department, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109; US;

	Country	Number	Kind	Date
Patent	WO	200334980	A2	20030501
Application	WO	2001US43089		20011114
Priorities	US	2000274622		20001114
	US	2000247621		20001114
	US	2000247620		20001114
	US	2000247595		20001114
	US	2000247594		20001114
	US	2000247635		20001114
	US	2000247634		20001114
	US	2000247606		20001114
	US	2000247607		20001114
	US	2000247608		20001114
	US	2000247609		20001114
	US	2000247610		20001114
	US	2000247611		20001114

/3,k/all

12/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01654586

System and method for multi-enterprise supply chain optimization

System und Verfahren zum Optimieren von Versorgungsketten zwischen mehreren Unternehmen

Systeme et procede d'optimisation d'une chaine d'approvisionnement entre plusieurs entreprises

Patent Assignee:

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(Applicant designated States: all)

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	Country	Number	Kind	Date	
Patent	EP	1361531	A2	20031112	(Basic)
	EP	1361531	A3	20040128	
Application	EP	2003017350		19990917	
Priorities	US	100981	P	19980918	

Designated States:

DE; FR; GB;

Related Parent Numbers: Patent (Application):EP 1114382 (EP 99945670)

International Patent Class (V7): G06F-017/60Abstract ...A2

Abstract Word Count: 101

NOTE: NONE

NOTE: Figure number on first page: NONE

Type	Pub. Date	Kind	Text
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Publication:English

Procedural: English

Application:English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200346	2354
SPEC A	(English)	200346	7359
Total Word Count (Document A) 9713			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 9713			

Specification: ...previously developed supply chain optimization techniques.

In one embodiment, a method of optimizing multi-enterprise **supply chain agreements** using an electronic **option contract** comprises determining at a buyer computer a range of forecasted demand for a product and.....based on the updated forecasted demand.

In another embodiment, a method of optimizing multi-enterprise **supply chain agreements** using an electronic **option contract** comprises receiving at a seller computer terms of an option contract from a buyer computer....invention;

FIGURE 5 is a flow chart showing an exemplary method of optimizing multi-enterprise **supply chain agreements** using an electronic **option contract**; and

FIGURE 6 is a flow chart showing another exemplary method of optimizing a multi-enterprise **supply chain agreement** using an electronic **option contract**.

DETAILED DESCRIPTION OF THE INVENTION

FIGURE 1 is a block diagram of an exemplary multi...a manner inconsistent with the contract's terms, or by assessing penalties for violation of **contract's** terms.

Through the use of electronic **option contracts**, system 10 increases **supply chain** efficiency by providing a comfortable level of certainty in the obligations of each party, while...FIGURE 5 is a flow chart showing an exemplary method 600 of optimizing multi-enterprises **supply chain agreements** using an electronic **option contract**. In this particular example, the method 600 describes a process for implementing an electronic incrementally...

Claims: ...A2

1. A method for optimizing a multi-enterprise **supply- chain agreement** using an electronic **option contract**, the method comprising:

determining, at a buyer computer system associated with a buyer, a forecasted.....option price to the seller computer system.

10. A method for optimizing a multi-enterprise **supply chain agreement** using an electronic **option contract**, the method comprising:

receiving, at a seller computer system associated with a seller and from...

12/3K/2 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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01294330

INTEGRATED ANIMAL MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE INTEGRES DE GESTION D'ANIMAUX

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- **AUSTRALIAN MEAT PROCESSOR CORPORATION LIMITED**; Suite 1406, Level 14, 33 Bligh Street, Sydney, NSW 1215
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AU; AU (Residence); AU (Nationality)
(For all designated states except: US)
- **THE STATE OF WESTERN AUSTRALIA THROUGH ITS DEPARTMENT OF AGRICULTURE**; 3 Baron-Hay Court, South Perth, W.A. 6151
AU; AU (Residence); AU (Nationality)
(For all designated states except: US)
- **THE STATE OF QUEENSLAND THROUGH ITS DEPARTMENT OF PRIMARY INDUSTRIES**; 80 Ann Street, Brisbane, QLD 4001
AU; AU (Residence); AU (Nationality)
(For all designated states except: US)
- **ROWE James Baber**; 411 Rockvale Road, Armidale, NSW 2350
AU; AU (Residence); AU (Nationality)
- **ATKINS Kevin David**; 6 Matilda Avenue, Orange, NSW 2800
AU; AU (Residence); AU (Nationality)
- **SEMPLE Stephen James**; 12 Torpy Street, Orange, NSW 2800
AU; AU (Residence); AU (Nationality)
- **RICHARDS Jessica Susan**; 51 Summer Street, Orange, NSW 2800
AU; AU (Residence); AU (Nationality)

Publication Language: English

Filing Language: English

Fulltext word count: 23560

Detailed Description:

...circumstances this compliance is desirable as the EPC GlobalNetwork standards form the basis for **future supply chain** management, being **accepted** by all major retailers and manufacturers and the links between RFID, EPC and the internet...

12/3K/3 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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00943767

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN
MANAGEMENT**

SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION DE
CHAINE D'APPROVISIONNEMENT

Patent Applicant/Patent Assignee:

- **RESTAURANT SERVICES INC**; Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(For all designated states except: US)
- **HOFFMANN George Harry**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **BURK Michael James**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **MENNINGER Anthony Frank**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **GREENE Edward Arthur**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **SMITH Mark Alan**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **TOMAS-FLYNN Martha Helen**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **REECE Debra Gayle**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)
- **SECHRIST Daniel**; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202
US; US(Residence); US(Nationality)
(Designated only for: US)

12/3K/4 (Item 3 from file:349) [Links](#)

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00890375

DELIVERY SYSTEM

SYSTEME DE LIVRAISON

Patent Applicant/Inventor:

- **KILLINGBECK Bernard Richard**
Abbey Farm, Guestwick, Norfolk NR20 5QW; GB; GB(Residence); GB(Nationality);
- **DANBY Richard Clinton**
23 Station Road, Reepham, Norwich NR10 4LF; GB; GB(Residence); GB(Nationality);

Legal Representative:

- **FOX-MALE Nicholas H(agent)**
Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD; GB;

	Country	Number	Kind	Date
Patent	WO	200224040	A2-A3	20020328
Application	WO	2001GB4240		20010925
Priorities	GB	200023563		20000925
	GB	200028850		20001127
	GB	200112015		20010517

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language English

Filing Language: English

Fulltext word count: 6154

Claims:

...removing the "bricks and mortar" supermarket with its associated storage and display costs from the **supply chain**. Additionally, customers can be invited to "buy **forward**", **committing** today to buy (and paying today), for delivery up to a few weeks in the...

12/3K/5 (Item 4 from file:349) [Links](#)

PCT FULLTEXT

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00848553

AGREEMENT MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION D'ACCORDS

Patent Applicant/Inventor:

- **WEINSTEIN Stephen G**
245 Fairmont Avenue #201, Oakland, CA 94611; US; US(Residence) US(Nationality);
- **BLACKMAN Robert Sage**
20360 Rector Road, Nevada City, CA 95959-9412; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **DIEPENBROCK Anthony B III(agent)**
Oppenheimer Wolff & DonnellyLLP, 1400 Page Mill Road, Palo Alto, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200182182	A1	20011101
Application	WO	2001US12867		20010420
Priorities	US	2000198731		20000420
	US	2000209866		20000607

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14022

Detailed Description:

...and assigns a `templatename`, thereby signaling an intent to repeat the request at **future** time. All **agreements** created through the resulting **supply chain** pass on the `TemplateID` value. This field allows AMS to automatically re-create supplier requests...

12/3K/6 (Item 5 from file:349) [Links](#)

PCT FULLTEXT

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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Patent Applicant/Patent Assignee:

- **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304
US; US(Residence); US(Nationality)

Legal Representative:

- **HICKMAN Paul L(agent)**
Oppenheimer Wolff & Donnelly LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024; US;

	Country	Number	Kind	Date
Patent	WO	200139030	A2	20010531
Application	WO	2000US32324		20001122
Priorities	US	99444775		19991122
	US	99447621		19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 171499

Detailed Description:

...a flowchart for a methodology 1100 for providing maintenance and service in a network-based **supply chain** in accordance with an embodiment of the present invention; Figure 12 is a block ~~di~~gram...

12/3K/7 (Item 6 from file:349) [Links](#)

PCT FULLTEXT

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00739256

APPARATUS AND PROCESS FOR CALCULATING AN OPTION

APPAREIL ET PROCEDE PERMETTANT DE CALCULER UNE OPTION

Patent Applicant/Inventor:

- **DAUGHTERY Vergil L III**

29 Thomas Coke Drive, Waynesville NC 28786; US; US(Residence); US(Nationality);

Legal Representative:

- **GOLDMAN Joel S(agent)**

Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, N.E., Atlanta, GA 30308; US;

	Country	Number	Kind	Date
Patent	WO	200052622	A1	20000908
Application	WO	2000US5588		20000303
Priorities	US	99262663		19990304

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 16785

Detailed Description:

...techniques, a change in the futures contract is accomplished by "rolling over", or exchanging one contract for another to maintain the maximum future date of delivery or sale. The present invention will make this unnecessary.

Unlike an option premium, the margin...

12/3K/8 (Item 7 from file:349) [Links](#)

PCT FULLTEXT

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00554425

SYSTEM AND METHOD FOR MULTI-ENTERPRISE SUPPLY CHAIN OPTIMIZATION
SYSTEME ET PROCEDE D'OPTIMISATION D'UNE CHAINE D'APPROVISIONNEMENT ENTRE
PLUSIEURS ENTREPRISES

Patent Applicant/Patent Assignee:

- **i2 TECHNOLOGIES INC;**

;;

	Country	Number	Kind	Date
Patent	WO	200017798	A1	20000330
Application	WO	99US21655		19990917
Priorities	US	98100981		19980918

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English

Filing Language:

Fulltext word count: 10325

English Abstract:

A method of optimizing multi-enterprisesupply chain agreements using an electronicoption contract includes determining at a buyer computer a range of forecasted demand for a product and...

Detailed Description:

...previously
developed supply chain optimization techniques.

In one embodiment, a method of optimizing
multi-enterprisesupply chain agreements using an
electronicoption contract comprises determining at a buyer
computer a range of forecasted demand for a product and... ...based on the updated forecasted
demand.

In another embodiment, a method of optimizing
multi-enterprisesupply chain agreements using an
electronicoption contract comprises receiving at a seller
computer terms of an option contract from a buyer computer.....invention;
FIGURE 5 is a flow chart showing an exemplary method

of optimizing multi-enterprisesupply chain agreements using an electronicoption contract; and
FIGURE 6 is a flow chart showing another exemplary method of optimizing a multi-enterprisesupply chain agreement using an electronic option contract .

DETAILED DESCRIPTION OF THE INVENTION

FIGURE 1 is a block diagram of an exemplary multi...a manner
inconsistent with the contract's terms, or by assessing penalties for violation ofcontract's terms.

Through the use of electronicoption contracts, system increases supply chain efficiency by providing a comfortable level of certainty in the obligations of each party... FIGURE 5 is a flow chart showing an exemplary method 600 of optimizing multi-enterprisesupply chain agreements using an electronicoption contract. In this particular example, the method 600 describes aprocess for implementing an electronic incrementally...

Claims:

- 1 A method of optimizing multi-enterprisesupply chain agreements using an electronic option contract, the method comprising: determining at a buyer computer a range of forecasted demand for a.....modified proposed option price to the seller computer.
- 12 A method of optimizing multi-enterprisesupply chain agreements using an electronic option contract, the method comprising: receiving at a seller computer terms of an option contract from a...

12/3K/9 (Item 8 from file:349) [Links](#)

PCT FULLTEXT

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00422197

APPARATUS AND PROCESS FOR TRANSACTING AN EXPIRATIONLESS OPTION

DISPOSITIF ET PROCEDE POUR NEGOCIER UNE OPTION NON ASSOCIEE A UNE DATE D'EXPIRATION

Patent Applicant/Patent Assignee:

- **DAUGHTERY Vergil L;**

;;

	Country	Number	Kind	Date
Patent	WO	9812658	A1	19980326
Application	WO	97US16560		19970917
Priorities	US	96718630		19960917

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English

Filing Language:

Fulltext word count: 11486

Detailed Description:

...art, a change in the futures contract is accomplished by "rolling over", or exchanging **onecontract** for another to maintain the**maximum future** date of **delivery** or sale. The present invention will make this unnecessary.

Additionally, since, **unlke** an option premium...

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(c) 2007 Financial Times Ltd. All rights reserved.

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**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 624] **McGraw-Hill Publications** 1985-2007/Jun 06
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**File 624: Homeland Security & Defense and 9 Plat energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/Jun 15

(c) 2007 San Jose Mercury News. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Jun 01

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[File 810] **Business Wire** 1986-1999/Feb 28

(c) 1999 Business Wire . All rights reserved.

[File 813] **PR Newswire** 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 625] **American Banker Publications** 1981-2007/Jun 12

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[File 268] **Banking Info Source** 1981-2007/Jun W1

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[File 626] **Bond Buyer Full Text** 1981-2007/Jun 13

(c) 2007 Bond Buyer. All rights reserved.

[File 267] **Finance & Banking Newsletters** 2007/Jun 18

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; d s

Set	Items	Description
S1	830042	S SUPPLY()CHAIN? ?
S2	132491	S (SUPPLY() (PLAN? ? OR CHAIN? ?) OR SUPPLYCHAIN? ? OR DELIVER?) (7N) (OPTIMIZATION OR OPTIM? ? OR MAX?)
S3	1470285	S (FORECAST??? OR PREDICT??? OR EXPECT? OR FORESEE? OR ANTICIPAT??? OR GUESS???) (7N) (DEMAND OR NEED?? OR REQUIRE? OR WANT?? OR NECESSITAT?)
S4	7374	S S3 (7N) (AUTO OR AUTOMATIC? OR AUTOMATED OR SELF?)
S5	998387	S (FORWARD OR FUTURE OR OPTION OR FLEXIBLE) (7N) (CONTRACT? ? OR AGREEMENT? ? OR (MUTUAL OR RECIPROCAL OR BILATERAL) () OBLIGATION? ? OR CONSENT??? OR ACCEPT? OR SUBSCRI? OR COMMIT?)
S6	38117601	S (NETWORK?? OR LAN?? OR WAN?? OR WEB?? OR LOCAL() AREA() NETWORK?? OR WORLD() WIDE() WEB OR INTERNET OR WEB OR INTRANET OR EXTRANET OR ONLINE OR ON() LINE)
S7	23	AU=(DAL?L, M? OR DAL?L M ? OR DAL?L(2N)M ? OR DALAL, L? OR DALAL L? OR DALAL(2N)L?) FROM 15, 16, 148, 160, 275, 621, 13, 75, 95, 9, 20, 476, 610, 613, 624, 634, 636, 810, 813, 625, 268, 626, 267
S8	2	S S7 AND S1.
S9	2	RD (unique items)
S10	2715	S (S1 OR S2) (3N) S3
S11	30	S S10(7N) S4
S12	11	RD (unique items)
S13	3	S S10(3N) S5
S14	3	S S13 NOT S12

12/3,K/1 (Item 1 from file:15) [Links](#)

ABI/Inform(R)

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02519967 120582927

E-knowledge networks for inter-organizational collaborative e-business

Warkentin, Merrill; Bapna,Ravi; Sugumaran, Vijayan

Logistics Information Management v14n1/2 pp: 149-162

2001

ISSN: 0957-6053 **Journal Code: LIM**

Word Count: 7527

Text:

...they may represent knowledge created by analytical processes conducted by actively-involved personnel or by automated datamining algorithms. Supply chain knowledge may include demand forecasts, analysis of markets and customers, detailed dynamic specifications of products or services, or digital payment...

12/3,K/2 (Item 1 from file:16) [Links](#)

Gale Group PROMT(R)

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11509876 **Supplier Number: 122762955 (USE FORMAT 7 FOR FULLTEXT)**

William & Mary Executive MBA Program Recognizes Two Professors for Teaching Excellence and Creates Chairmanship for Alumni Relations.

PR Newswire , p NA

Oct 4 , 2004

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 784

...operations management and information systems. He has published scholarly articles on the topics of material requirements planning, automated manufacturing, group technology, intelligent systems, forecasting, supply chain planning, and demand management. Prior to entering academe, he worked as an engineer for Dow Chemical Company, as...

12/3,K/3 (Item 2 from file:16) [Links](#)

Gale Group PROMT(R)

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11435656 **Supplier Number: 121499797 (USE FORMAT 7 FOR FULLTEXT)**

TradeBeam and Global eXchange Services Partner to Provide Collaborative Inventory Management and Interoperability for Automotive Industry.

Business Wire , p NA

Sept 1 , 2004

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 810

...Braggart," July 22, 2004. AMR further expands, "Carmakers that drive the DDSN model into their supply chain, thereby improving their demand forecasting, will minimize finished auto inventories, improving profits and freeing capital for other uses, such as R&D."

The ability...

12/3,K/4 (Item 3 from file:16) [Links](#)

Gale Group PROMT(R)

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10258616 **Supplier Number: 97307414 (USE FORMAT 7 FOR FULLTEXT)**

Auto-ID Technology Could Help Packaged Goods, Retail and Freight Transportation Industries Save Billions of Dollars Annually, Accenture Study Finds.

Business Wire , p 2132

Feb 6 , 2003

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 926

...Goods Demand Planning," consumer goods companies could increase the certainty of demand signals throughout the supply chain, improving demand planning forecast accuracy by 10 - 20 percent. For instance, auto-ID technology could help these companies:

-- increase sales 1-2 percent by reducing out-of...

12/3,K/5 (Item 4 from file:16) [Links](#)

Gale Group PROMT(R)

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08746241 **Supplier Number: 75818034 (USE FORMAT 7 FOR FULLTEXT)**

Supply chain management tools -- SCM TURNED INSIDE OUT -- Vendors incorporate collaboration into the supply chain.(Datasweep's Advantage 4.0, SeeBeyond's EBusiness Integration Suite 4.5)(Oracle's E-Business Suite 11i, Optiant's PowerChain 3.1)(Software Review)(Evaluation)

Schultz, Keith

InternetWeek , p 25

June 25 , 2001

Language: English **Record Type:** Fulltext

Article Type: Evaluation

Document Type: Magazine/Journal ; Trade

Word Count: 3170

...set a "drop-dead" date, whereas if there isn't enough resin mixed to meet expected demand, Supply Chain will automatically order the balance needed from a specified supplier. It can even split the order between...

12/3,K/6 (Item 5 from file:16) Links

Gale Group PROMT(R)

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07260283 **Supplier Number: 61645177 (USE FORMAT 7 FOR FULLTEXT)**

There is More to E-Commerce Than Selling on the Internet.

NIKHOO, IVAN

Los Angeles Business Journal , v 22 , n 13 ,p 32

March 27 , 2000

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 889

...customer service and support

- * Instant communication with consumers and trading partners

- * Improved profit margins through automated supply

chain management

- * Better forecasting of customer needs for goods and

services

So, what is Electronic Commerce?

Electronic commerce (we will refer to...

12/3,K/7 (Item 1 from file:13) [Links](#)

BAMP

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00820634 93699689

3641412 (Use Format 7 Or 9 For Fulltext)

Supply Chain Management: what is it, and where does a wholesaler fit in?

Supply House Times , v 45 , n 8 , p 58

October 2002

Document Type: Journal **ISSN:** 0039-5935 (United States)

Language: English **Record Type:** Fulltext

Word Count: 1862 (Use Format 7 Or 9 For Fulltext)

Text:

...as items are produced, they are shipped to wholesalers. Even in a less than pure automatic supply chain, accurate forecasting is needed.

Potential "partners" in a chain are often reluctant to allow sensitive information to be sent...

12/3,K/8 (Item 1 from file:9) Links

Business & Industry(R)

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02485250 Supplier Number: 24900472 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Supply chain management tools -- SCM TURNED INSIDE OUT -- Vendors incorporate collaboration into the supply chain

(Several collaborative supply chain management software programs examined)

InternetWeek , p 25

June 25, 2001

Document Type: Journal ISSN: 0746-8121 (United States)

Language: English **Record Type:** Fulltext

Word Count: 2863 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...set a "drop-dead" date, whereas if there isn't enough resin mixed to meet expected demand, Supply Chain will automatically order the balance needed from a specified supplier. It can even split the order between...

12/3,K/9 (Item 1 from file:20) [Links](#)

Dialog Global Reporter

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39431578 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Demantra Redefines Trade Promotion Management Around Promotion Effectiveness to Empower Consumer Goods Manufacturers to "Win at the Shelf"

MARKET WIRE INCORPORATED

December 06, 2004

Journal Code: MWIC **Language:** English **Record Type:** FULLTEXT

Word Count: 1285

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...funds planning, and profit planning capabilities to manage their contribution to the company's goals. Automatic synchronization of volume forecasts and supply chain demand plans reduces out-of-stocks and increases revenue. With Demantra TPM, manufacturers can achieve one...

12/3,K/10 (Item 2 from file:20) Links

Dialog Global Reporter

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04500052 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Crossroads 99 Conference to Cover Real-World IT Achievements

BUSINESS WIRE

March 02, 1999

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 1404

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...has one of the world's largest single-instance SAP implementations with world-class availability. Automated supply chain optimization, forecasting and material requirements planning, plus a strong purchasing/sourcing initiative on the Internet. This has cut down buffer...

12/3,K/11 (Item 3 from file:20) Links

Dialog Global Reporter

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04242982 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Miracom Signs Deal With Rick Moradian And Condor Logistics for Development of 'theparts.com'

PR NEWSWIRE

February 05, 1999

Journal Code: WPRW Language: English Record Type: FULLTEXT

Word Count: 731

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Moradian, CEO of Condor Logistics. "Utilizing a comprehensive approach methodology to understanding 'theparts.com's' supply chain needs will eliminate bottlenecks associated with the anticipated on-line demand of auto-parts. With the tremendous growth of the on-line e-commerce industry, a key factor...

? t /3,k/all

14/3,K/1 (Item 1 from file:16) [Links](#)

Gale Group PROMT(R)

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11319500 **Supplier Number:** 119174110 (USE FORMAT 7 FOR FULLTEXT)

CONTRACT PACKING: Consumer choice is driving the market.

Packaging Magazine , p 22

July 8 , 2004

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 909

...actually called off by the retailer concerned.

Since the above drivers will influence the retail supply chain for the foreseeable future, the requirement for contract packing will surely continue to increase.

As supply chains become increasingly integrated, contract packing operations...

14/3,K/2 (Item 1 from file:148) Links

Gale Group Trade & Industry DB

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0017183862 **Supplier Number:** 119174110 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CONTRACT PACKING: Consumer choice is driving the market.

Packaging Magazine , 22

July 8 , 2004

ISSN: 1461-4200

Language: English

Record Type: Fulltext

Word Count: 909 **Line Count:** 00076

...actually called off by the retailer concerned.

Since the above drivers will influence the retail supply chain for the foreseeable future, the requirement for contract packing will surely continue to increase.

As supply chains become increasingly integrated, contract packing operations...

14/3,K/3 (Item 1 from file:20) [Links](#)

Dialog Global Reporter

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36646578 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CONTRACT PACKING: Consumer choice is driving the market

PACKAGING MAGAZINE

July 08, 2004

Journal Code: FPGW Language: English Record Type: FULLTEXT

Word Count: 856

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...actually called off by the retailer concerned

Since the above drivers will influence the retail supply chain for the foreseeable future, the requirement for contract packing will surely continue to increase

As supply chains become increasingly integrated, contract packing operations...

? show files

[File 2] **INSPEC** 1898-2007/Jun W2

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[File 35] **Dissertation Abs Online** 1861-2007/May

(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Jun 18

(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/May

(c) 2007 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2007/Nov

(c) 2007 Info.Sources Inc. All rights reserved.

[File 474] **New York Times Abs** 1969-2007/Jun 16

(c) 2007 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs** 1973-2007/Jun 16

(c) 2007 The New York Times. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

(c) 2002 The Gale Group. All rights reserved.

**File 583: This file is no longer updating as of 12-13-2002.*

[File 23] **CSA Technology Research Database** 1963-2007/May

(c) 2007 CSA. All rights reserved.

[File 139] **EconLit** 1969-2007/Jun

(c) 2007 American Economic Association. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jun

(c) 2007 CSA. All rights reserved.

; d s

Set	Items	Description
S1	24395	S SUPPLY()CHAIN? ?
S2	4149	S (SUPPLY() (PLAN? ? OR CHAIN? ?) OR SUPPLYCHAIN? ? OR DELIVER?) (7N) (OPTIMI?ATION OR OPTIM? ? OR MAX?)
S3	85599	S (FORECAST??? OR PREDICT??? OR EXPECT? OR FORESEE? OR ANTICIPAT??? OR GUESS???) (7N) (DEMAND OR NEED?? OR REQUIRE? OR WANT?? OR NECESSITAT?)
S4	712	S S3 (7N) (AUTO OR AUTOMATIC? OR AUTOMATED OR SELF?)
S5	15793	S (FORWARD OR FUTURE OR OPTION OR FLEXIBLE) (7N) (CONTRACT? ? OR AGREEMENT? ? OR (MUTUAL OR RECIPROCAL OR BILATERAL) ()OBLIGATION? ? OR CONSENT??? OR ACCEPT? OR SUBSCRI? OR COMMIT?)
S6	2582928	S (NETWORK?? OR LAN?? OR WAN?? OR WEB?? OR LOCAL()AREA()NETWORK?? OR

WORLD()WIDE()WEB OR INTERNET OR WEB OR INTRANET OR EXTRANET OR ONLINE OR ON()LINE)
S7 105 AU=(DAL?L, M? OR DAL?L M ? OR DAL?L(2N)M ? OR DALAL, L? OR DALAL L? OR
DALAL(2N)L?) FROM 2, 35, 65, 99, 256, 474, 475, 583, 23, 139, 56
S8 2 S S7 AND (S1 OR S2)
S9 1 RD (unique items)
S10 601 S (S1 OR S2) AND S3
S11 5 S S10 AND S4
S12 5 RD (unique items)
S13 62 S (S1 OR S2) AND S5
S14 59 RD (unique items)
S15 5 S S14 AND S3
S16 5 S S15 NOT (S8 OR S12)

?

? t /3,k/all

9/3,K/1 (Item 1 from file:2) **Links**

INSPEC

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09045474 **INSPEC Abstract Number:** C2004-09-7180-008

Title: Initializing a distribution supply chain simulation with live data

Author Dalal, M.A.; Bell, H.; Denzien, M.; Keller, M.P.

Author Affiliation: Decision Technol. Group, Omaha, NE, USA

Conference Title: Proceedings of the 2003 Winter Simulation Conference (IEEE Cat. No.03CH7499) **Part** vol.2
p. 1621-6 vol.2

Editor(s): Chick, S.E.; Sanchez, P.J.; Ferrin, D.; Morrice, D.J.

Publisher: IEEE , Piscataway, NJ, USA

Publication Date: 2003 **Country of Publication:** USA xlii+2104 pp.

ISBN: 0 7803 8131 9 **Material Identity Number:** XX-2003-03717

Conference Title: Proceedings of the 2003 Winter Simulation Conference

Conference Sponsor: American Statistical Assoc.; Assoc. for Comput. Machinery, Special Interest Group on Simulation; IEEE Comput. Soc.; IEEE Systems, Man and Cybernetics Soc.; IIE; Inst. for Oper. Res. and the Management Sci. College on Simulation; Nat. Inst. of Standards and Technol.; Soc. for Modeling and Simulation Int

Conference Date: 7-10 Dec. 2003 **Conference Location:** New Orleans, LA, USA

Language: English

Subfile: C E

Copyright 2004, IEE

Author Dalal, M.A.; Bell, H.; Denzien, M.; Keller, M.P.

? t /3,k/all

12/3,K/1 (Item 1 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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09771276

Title: Impacts of demand forecasts and supply chain coordination on bullwhip effect

Author Wang Chuan-xu

Author Affiliation: Sch. of Econ. & Manage., Shanghai Maritime Univ., China

Journal: Journal of Systems Engineering vol.20, no.3 p. 266-72

Publisher: Editorial Board of J.Syst. Eng ,

Publication Date: June 2005 **Country of Publication:** China

ISSN: 1000-5781

SICI: 1000-5781(200506)20:3L:266:IDFS;1-N

Material Identity Number: N843-2005-002

Language: Chinese

Subfile: C E

Copyright 2006, IEE

Title: Impacts of demand forecasts and supply chain coordination on bullwhip effect

Abstract: In this paper, the bullwhip effect in a multistage supply chain is analyzed using self-adaptive filtering, moving average and exponential smoothing demand forecast techniques. We find out that the bullwhip effect does not always exist when the self... ..used. Based on these three forecasting tools, it is concluded that suitable forecast parameters and supply chain coordination would alleviate the bullwhip effect. In addition, we compare the change behaviors of the bullwhip effect with respect to demand parameter under three different forecasting scenarios when a supply chain is coordinated. Our analysis shows that these change patterns of the bullwhip effect are different..

Descriptors: demand forecasting;supply chain management... ..supply chains

Identifiers: demand forecasts;supply chain coordination... ..multistage supply chain;

12/3,K/2 (Item 2 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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09310899

Title: Right place, right on time [business processes]

Author Bacheldor, B.

Journal: InformationWEEK no.1002 p. 55

Publisher: CMP Media Inc ,

Publication Date: 16 Aug. 2004 **Country of Publication:** USA

CODEN: INFWE4 **ISSN:** 8750-6874

SICI: 8750-6874(20040816)1002L:55:RPRT;1-0

Material Identity Number: I819-2004-035

Language: English

Subfile: D E

Copyright 2005, IEE

Abstract: ...food. Gertrude Hawk Chocolates and Sunsweet Growers Inc. are spending their IT dollars on new **supply-chain** software that help them **forecast demand**, schedule production, and better manage inventory. At candy maker and retailer Gertrude Hawk Chocolates, timing is everything. To resolve the problem, the company **automated forecasting** and **demand** planning with John Gait Solutions Inc.'s **ForecastX Demand Engine**. The chocolatier can check daily sales data sent from point-of-sale systems in each store. Sunsweet's **supply-chain** processes also had relied for too long on manual processes and cumbersome spreadsheets. To optimize **demand**, inventory, and production planning, Sunsweet is implementing Zemeter from **Supply Chain Consultants**.

Descriptors: demand forecasting; **supply chain** management

Identifiers: ...supply-chain software... .. **demand forecasting**; **ForecastX Demand Engine**

12/3,K/3 (Item 3 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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07348475

Title: The convergence of financial and supply chain planning. Removing the great divide between finance and operations

Author King, N.

Author Affiliation: Design & Archit. Group, Oracle Corp., Redwood Shores, CA, USA

Journal: Management Accounting vol.77, no.5 p.30-2, 34

Publisher: Chartered Inst. Manag. Accountants ,

Publication Date: May 1999 **Country of Publication:** UK

CODEN: MATGBA **ISSN:** 0025-1682

SICI: 0025-1682(199905)77:5L:30:CFSC;1-2

Material Identity Number: F318-1999-008

Language: English

Subfile: D

Copyright 1999, IEE

Title: The convergence of financial and supply chain planning. Removing the great divide between finance and operations

Abstract: ...These omissions are: automatic creation of a financial plan for direct costs from the sales forecast, master production schedule and material requirements plan; automatic creation of a financial plan for indirect costs based on models of the processes that...

12/3,K/4 (Item 1 from file:99) [Links](#)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

Wilson Appl. Sci & Tech Abs

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3184356 **H.W. Wilson Record Number:** BAST07109799

Supply Chain Savvy

Higgins, Kevin T ;

Food Engineering v. 79 no1 (January 2007) p. 107-10, 112, 114

ISSN: 0193-323X

Supply Chain Savvy

Abstract: In food and beverage plants, demand-based production is making progress, but optimizing the supply chain needs improved levels of cooperation at the retail level. Food companies are using more technologyreduce out-of-stocks. Major advances in automated forecasting models are taking place. While improved supply-chain visibility is beginning to help optimize production, progress is dependent on the level of comfort... ..the various groups within the organization. For thelargest brand managers, the best form of demand forecasting is global data synchronization, but it is unclear if many trading partners are willing toit. The Bioterrorism Act of 2002 may have encouraged mid-tier food firms to use automated demand-forecasting tools.

Descriptors: Supply chain management...

12/3,K/5 (Item 1 from file:256) **Links**

TecInfoSource

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00142036 **Document Type:** Review

Product Names: Enterprise Resource Planning (830449)

Title: Extending ERP's Reach: To reap the benefits of e-business...

Author: Greengard, Samuel

Source: Business Finance , v8 n9 p28(3) Sep 2002

ISSN: 1521-4818

Homepage: <http://www.businessfinancemag.com>

File Segment: Review

Record Type: Product Analysis

Grade: Product Analysis, No Rating

Revision Date: 20030430

...the reach of enterpriseresource planning (ERP) systems to share data with employees, customers, ad **supply chain** partners. The purpose is to increase business process efficiacy. Gartner calls the transition ERP II... ..still needed, the increasing importance of collaborative ommerce is leading many organizations to increase thei**expectations** for ERP suites. **Needed** functions include eprocurement, inventory replenishment, **automatic** invoicing, and monitoring of order status online. Finance departments can be instrumentalni expanding use of ERP because financial software that is linked to that of**supply chain** partners can increasecash flow and forecasting. Topics covered include building a better ERP via emplyee relationship management and self service, customer **relationship** management (CRM), and **supply chain** integration; UPS's and F. W. Murphy's extended ERP systems and their advantages; and...

Descriptors: Business Planning; Collaborative Commerce; Enterprise Resource Planning;**Supply Chain** Management

? t /3,k/all

16/3,K/1 (Item 1 from file:2) **Links**

Fulltext available through: **USPTO Full Text Retrieval Options** **JSTOR - Journal Storage**

INSPEC

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08933906 **INSPEC Abstract Number:** C2004-05-1290D-235

Title: A multiple replenishment contract with ARIMA demand processes

Author Jong Soo Kim; Shin, K.Y.; Ahn, S.E.

Author Affiliation: Dept. of Ind. Eng., Hanyang Univ., Ansan, South Korea

Journal: Journal of the Operational Research Society vol.54, no.11 p. 1189-97

Publisher: Stockton Press for the Oper. Res. Soc ,

Publication Date: Nov. 2003 **Country of Publication:** UK

CODEN: JORSDZ **ISSN:** 0160-5682

SICI: 0160-5682(200311)54:11L:1189:MRCW;1-Z

Material Identity Number: J300-2003-011

U.S. Copyright Clearance Center Code: 0160-5682/2003/\$25.00+0.00

Language: English

Subfile: C E

Copyright 2004, IEE

Abstract: ...paper is concerned with a multiple replenishment contract with a purchase price discount in a **supply chain**. The chain is composed of one supplier, one buyer and consumers for a product. The replenishment contract is based upon the well-known (s, Q;) policy, but allows us to **contract** replenishments at a **future** time with a price discount. Owing to the larger **forecast** error of future **demand**, the buyer should keep a higher level of safety stock to provide the same level..

Descriptors: ...**demand forecasting**; ... **supply chain** management

Identifiers: ...**supply chain**;

16/3,K/2 (Item 1 from file:35) [Links](#)

Dissertation Abs Online

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01924360 ORDER NO: AADAA-I3073972

Due-date, capacity and inventory coordination in high-tech manufacturing supply chains: Game theoretic analysis

Author: Erkoc, Murat

Degree: Ph.D.

Year: 2003

Corporate Source/Institution: Lehigh University(0105)

Source: Volume 6312B of Dissertations Abstracts International.

PAGE 6032 . 253 **PAGES**

ISBN: 0-493-93742-0

Due-date, capacity and inventory coordination in high-tech manufacturing supply chains: Game theoretic analysis

We investigate coordination mechanisms for the purpose of improving supply chain efficiency with an emphasis on the high-tech industry. Motivated by real-world situations in... ..examines *capacity coordination* between suppliers and OEM buyers in a high-tech manufacturing supply chain. The topic is explored in two separate chapters, where we first consider a one-supplier... ..then a one-supplier multiple-buyer settings with buyer competition. We propose *capacity reservation contracts* where the buyer(s) reserves future manufacturing capacity by paying a fee that is (partially) deductible from the order payment. We... ..shares the capacity-expansion risk with the buyers, the buyers ensure ample capacity for their expected demand. We identify insights of critical strategic importance for manufacturers in this competitive environment.

In the...

16/3,K/3 (Item 2 from file:35) [Links](#)

Dissertation Abs Online

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01891165 ORDER NO: AADAA-I3052109

Supply contract management with information updates

Author: Huang, Hongyan

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: Chinese University of Hong Kong (People's Republic of China) (1307)

Source: Volume 6305B of Dissertations Abstracts International.

PAGE 2561 . 142 PAGES

ISBN: 0-493-67579-5

...contracts provide the buyer a chance to revisit the initial commitments based on an updated **demand forecast** obtained at a later stage.

For purchase contracts, we formulate the buyer's problem as... ..in comparison with other risk hedging approaches. Our results lead to valuable insights into better **supply chain** management.

Considering that the purchase **contract** is a real **option** to the buyer, we further investigate the fair price of quantity flexibility by formulating the... ..the supplier overestimates the true demand.

Owing to the high uncertainty in the supply and **demand** processes, the standard treatment of optimizing an **expected** objective measure may be problematic in this scenario. We study a class of take-or...

16/3,K/4 (Item 3 from file:35) [Links](#)

Dissertation Abs Online

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01868545 ORDER NO: AADAA-I3038003

Information revision and decision making in a two-stage supply chain

Author: Xiang, Hua

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: Chinese University of Hong Kong (People's Republic of China) (1307)

Source: Volume 6301B of Dissertations Abstracts International.

PAGE 506 . 111 **PAGES**

ISBN: 0-493-52312-X

Information revision and decision making in a two-stage supply chain

...we put our emphasis on the context of information revision and decision making in a supply chain. This dissertation is concerned with the analysis of information updating, competitive study of a two-level supply chain, and volume flexible contract together with spot market purchase.

With the phenomenon observed from local industry, our research, on the analysis of information updating within a node in a supply chain, involves three tasks: (a) analyzing the data collected from local industry; (b) modeling demand forecasting process based on the observation; and (c) determining the operational factors which drive the fluctuation of demand forecast variances. With regard to (a), we observe that, as the forecasting horizon decreases, the variancesdecrease. With regard to (b), we make use of Bayesian analysis approach to model the demand forecasting process, and prove that, under multi-stage demand forecasting structure, both the variance and the precision of demand forecast increase. Concerning (c), four operational factors, i.e. price promotion, lotsizing, new product introduction, and... ..the causes.

With the framework of information revision, the decision dynamics is the focus of supply chain management. We primarily concentrate on the competitive and cooperative study of a simple two-level supply chain.

For the competitive study, we focus on the dynamics of competitive behaviors between the supplier and the buyer. For the demand and demand forecast with single-peak probability distribution functions, we prove the existence of a unique Stackelberg equilibrium... ..at each stage.

For the contract study, we develop a model which takes both volume flexible contract and spot market purchase into consideration. The optimal order quantity at each stage is determined... ..the impact on profit and the optimal order quantity induced by the accuracy of the demand forecast. (Abstract shortened by UMI.)

16/3,K/5 (Item 1 from file:256) [Links](#)

TecInfoSource

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00153013 **Document Type:** Review

Product Names: Supply Chain Management (833444)

Title: Toward perfect postponement: RFID and othersupply chain execution...

Author: Hill, John M

Source: MSI , v22 n4 p16(3) Apr 2004

ISSN: 1533-7758

Homepage: <http://www.msimag.com>

File Segment: Review

Record Type: Product Analaysis

Revision Date: 20070300

Product Names: Supply Chain Management...

Title: Toward perfect postponement: RFID and other supply chain execution...

Forecasting customer demand and expectation within supply-chain management for suppliers is usually done with strategies and systems that try to mimic adaptive... ..postponement, or mass customization.

Postponement of manufacturing, assembly, configuration, or logistics operations help companies stay flexible and keep them at bay until customer commitments are received. The downside of postponement is that it can raise the cost of products. Supply-chain visibility is critical in making postponement less costly and just as efficient. In order for... ..logistics network optimization tools include automatic identification and data capture, radio frequency identification tools, and supply- chain execution systems.

Descriptors: Business Process Management; Forecasting; RFID; Supply Chain Management

? show files

[File 344] **Chinese Patents Abs Jan 1985-2006/Jan**
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[File 347] **JAPIO Dec 1976-2006/Dec(Updated 070403)**
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX 1963-2007/UD=200738**
(c) 2007 The Thomson Corporation. All rights reserved.

**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.diabg.com/dwpi/>.*

[File 371] **French Patents 1961-2002/BOPI 200209**
(c) 2002 INPI. All rts. reserv. All rights reserved.
**File 371: This file is not currently updating. The last update is 200209.*

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; d s
Set      Items  Description
S1        1353  S SUPPLY()CHAIN? ?
S2        2800  S (SUPPLY() (PLAN? ? OR CHAIN? ?) OR SUPPLYCHAIN? ? OR DELIVER?) (7N)
(OPTIMI?ATION OR OPTIM? ? OR MAX?)
S3        6184  S (FORECAST??? OR PREDICT??? OR EXPECT? OR FORESEE? OR ANTICIPAT??? OR
GUESS???) (7N) (DEMAND OR NEED?? OR REQUIRE? OR WANT?? OR NECESSITAT?)
S4         141  S S3 (7N) (AUTO OR AUTOMATIC? OR AUTOMATED OR SELF?)
S5        3143  S (FORWARD OR FUTURE OR OPTION OR FLEXIBLE) (7N) (CONTRACT? ? OR AGREEMENT?
? OR (MUTUAL OR RECIPROCAL OR BILATERAL) ()OBLIGATION? ? OR CONSENT??? OR ACCEPT? OR
SUBSCRI? OR COMMIT?)
S6       1069253 S (NETWORK?? OR LAN?? OR WAN?? OR WEB?? OR LOCAL()AREA()NETWORK?? OR
WORLD()WIDE()WEB OR INTERNET OR WEB OR INTRANET OR EXTRANET OR ONLINE OR ON()LINE)
S7         14   AU=(DAL?L, M? OR DAL?L M ? OR DAL?L(2N)M ? OR DALAL, L? OR DALAL L? OR
DALAL(2N)L?) FROM 344, 347, 350, 371
S8          1   S S7 AND S1
S9          85   S (S1 OR S2) AND S3
S10         5    S S9 AND S4
S11         3    S S9 AND S5
S12         3    S S11 NOT S10
S13        532   S S1 AND S6
S14         27   S S13 AND S3
S15         2    S S14 AND S5
S16         0    S S15 NOT (S12 OR S8)
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8/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0009797985 *Drawing available*

WPI Acc no: 2000-087111/200007

XRPX Acc No: N2000-068377

Local search method for solving optimization problem for supply chain management, single enterprise and multi-enterprise planning and scheduling

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N); I2TECHNOLOGIES US INC (ITWO-N)

Inventor: CRAWFORD J M; DALAL M; WALSER J P

Patent Family (8 patents, 85 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999063471	A1	19991209	WO 1999US12504	A	19990604	200007	B
AU 199948189	A	19991220	AU 199948189	A	19990604	200021	E
EP 1082687	A1	20010314	EP 1999931757	A	19990604	200116	E
			WO 1999US12504	A	19990604		
KR 2001043794	A	20010525	KR 2000713214	A	20001124	200168	E
MX 2000012055	A1	20010401	MX 200012055	A	20001205	200171	E
JP 2002517833	W	20020618	WO 1999US12504	A	19990604	200242	E
			JP 2000552615	A	19990604		
US 6456996	B1	20020924	US 199888147	P	19980604	200266	E
			US 1999325937	A	19990605		
TW 498236	A	20020811	TW 1999109389	A	19990813	200331	E

Priority Applications (no., kind,date): US 1999325937 A 19990605; US 199888147 P 19980604; US 199888147 P 19980605

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1999063471	A1	EN	32	2		
National Designated States,Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 199948189	A	EN			Based on OPI patent	WO 1999063471
EP 1082687	A1	EN			PCT Application	WO 1999US12504
					Based on OPI patent	WO 1999063471

Regional Designated States, Original	DE FR GB					
JP 2002517833	W	JA	26		PCT Application	WO 1999US12504
					Based on OPI patent	WO 1999063471
US 6456996	B1	EN			Related to Provisional	US 199888147
TW 498236	A	ZH				

Local search method for solving optimization problem for supply chain management, single enterprise and multi-enterprise planning and scheduling Alerting Abstract ...USE - For solving optimization problems in the fields of **supply chain** management, single enterprise and multi-enterprise planning and scheduling for factory, and for use in... Original Publication Data by Authority...Inventor name & address **DALAL, Mukesh...** ...**Dalal, Mukesh...** ...**DALAL, Mukesh**

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10/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0016135249 *Drawing available*

WPI Acc no: 2006-666880/200669

Method for forecasting cash demand of atm using neural network theory learning transaction results

Patent Assignee: NAUTILUS HYOSUNG INC (NAUT-N)

Inventor: KANG K H

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2005114844	A	20051207	KR 200439910	A	20040602	200669	B
KR 620916	B1	20060919	KR 200439910	A	20040602	200715	E

Priority Applications (no., kind,date): KR 200439910 A 20040602

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
KR 2005114844	A	KO		1		
KR 620916	B1	KO			Previously issued patent	KR 2005114844

Method for forecasting cash demand of atm using neural network theory learning transaction results

...NOVELTY - A method for forecasting cash demand of an ATM (Automated Teller Machine) using a neural network theory learning transaction results is provided to maximize an operation efficiency through reduction of cash delivery manpower, and reduce unnecessary works and increase of a transaction frequency, as a limited operation fund is optimally distributed through an ATM demand forecast using the neural network theory.

10/3,K/2 (Item 2 from file:350) [Links](#)

Derwent WPIX

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0015746171 *Drawing available*

WPI Acc no: 2006-307930/200633

XRPX Acc No: N2006-261366

New product demand forecasting system used for automated supply chain management, retrieves group phase-in profile stored in database and generates demand forecast for new product based on group phase-in profile

Patent Assignee: SAP AG (SAPS-N); DUDAT O S (DUDA-I); HEIMBURGER R (HEIM-I); KAMP C A (KAMP-I); KLEY T J V (KLEY-I); LI S (LISS-I); SCHIERHOLT H K (SCHI-I); SCHMITZ H (SCHM-I); VASI G L (VASI-I)

Inventor: DUDAT O S; HEIMBURGER R; KAMP C A; KLEY T J V; LI S; SCHIERHOLT H K; SCHMITZ H; VASI G L

Patent Family (2 patents, 34 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1647927	A1	20060419	EP 2004105097	A	20041015	200633	B
US 20060111963	A1	20060525	US 2005250965	A	20051014	200635	E

Priority Applications (no., kind,date): EP 2004105097 A 20041015

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1647927	A1	EN	14	6	
Regional Designated States,Original		AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR			

New product demand forecasting system used for automated supply chain management, retrieves group phase-in profile stored in database and generates demand forecast for new product based on group phase-in profile
Alerting Abstract ...communicating with the persistent storage system, retrieves a group phase-in profile and generates a **demand forecast** for a new product based on the group phase-in profile. ... new product**demand forecasting** method; and machine-readable medium comprising instructions for new product**demand forecasting**. ...
... USE - For **forecasting demand** on new product transported through e.g. truck, ship or airplane for automated **supply chain** management of retailers, distributors, transporters, warehouses and suppliers... ... **ADVANTAGE - Forecasts demand** data for new products, without **demand** or order history, only by using group phase-in profiles

10/3,K/3 (Item 3 from file:350) [Links](#)

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0015743152 *Drawing available*

WPI Acc no: 2006-304975/200632

Forecast demand data adjustment method in supply chain management system, involves adjusting previously generated demand forecast over particular time period based on received actual demand data, to generate new demand forecast

Patent Assignee: LI S (LISS4)

Inventor: LI S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060085246	A1	20060420	US 2004956632	A	20040930	200632	B

Priority Applications (no., kind,date): US 2004956632 A 20040930

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20060085246	A1	EN	16	6	

Forecast demand data adjustment method in supply chain management system, involves adjusting previously generated demand forecast over particular time period based on received actual demand data, to generate new demand forecast

Alerting Abstract ...NOVELTY - The method involves generating a demand forecast for a set of products over a defined time period. The demand forecast and the demand orders generated from the demand forecast are adjusted over particular time period based on received actual demand data to generate new demand forecast, if actual sales deviate from a range of previously generated demand forecast. ... **forecast demand data adjustment apparatus; forecast demand data adjustment system; and machine readable medium storing forecast demand data adjustment program.** ... **USE** - For adjusting forecast demand data related to sale of product and/or service in supply chain management system... ... **DESCRIPTION OF DRAWINGS** - The figure shows a flowchart explaining the process involved in generating the demand forecast. Original Publication Data by Authority

Original Abstracts: Embodiments include a system for adjusting forecast demand data in light of actual sales of a product. The system and method may include forecasting demand for a time period then adjusting the demand forecast over that period of time based on sales feedback data. Forecasted demand may be distributed over the time period based on a distribution pattern. Demand may be ... actual sales meet predetermined threshold levels or if actual sales deviate from a range of forecasted demand. >**Claims:** What is claimed is: 1. A method comprising: generating a first demand forecast for a set of products for a time period; generating a first demand order based on the first demand forecast; and adjusting the first demand forecast automatically to generate a second demand forecast for a remainder of the time period in response to received actual demand data.

10/3,K/4 (Item 4 from file:350) [Links](#)

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0013527187 *Drawing available*

WPI Acc no: 2003-620571/200359

XRPX Acc No: N2003-494449

Auto-generation of supplier forecast method automatically generating material forecasts of suppliers by generating forecast report through forecast arithmetic server and transferring forecast report to supplier

Patent Assignee: HSU H S (HSUH-I); HUANG J H (HUAN-I); INVENTEC CORP (INVE-N); LEE D C (LEED-I); LEE J F (LEEJ-I)

Inventor: HSU H; HSU H S; HUANG J; HUANG J H; LEE D; LEE D C; LEE J; LEE J F

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2385436	A	20030820	GB 20023694	A	20020215	200359	B
US 20030163362	A1	20030828	US 200281210	A	20020225	200363	NCE

Priority Applications (no., kind,date): US 200281210 A 20020225; GB 20023694 A 20020215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
GB 2385436	A	EN	28	5	
US 20030163362	A1	EN	13		

Alerting Abstract USE - In a material **requirements forecast** method utilized in the operation of material issuing and purchasing to enable the real time. ...**ADVANTAGE** - Provides an **auto-generation** of supplier **forecasting** for various product **requirements** of respective clients and different material provisions among vendors/sppliers, to accommodate each other within the **Supply Chain Management (SCM)** in the manufacturing industry... Original Publication Data by Authority **Original Abstracts**: An **auto-generation** of supplier **forecast** method aims at **resolving** the problems of unpredictable material **requirements** with clockwork precision **by** the material **forecast** system in the **manufacturing** industry. By using a **forecast** arithmetic server to **process forecasting** of material **requirements** at the enterprise **end**, the invention allows for rapid transfer of the forecast report to the suppliers and material... **Claims**: What is claimed is: **1.** An auto-generation of supplier forecast method relates to a **method** that employs data **provided** by a client end to **predict** material **requirements** through a **forecast** arithmetic server in an enterprise **end** server, and **further** connects to the Internet to transfer updated information to a supplier end to complete the...

10/3,K/5 (Item 5 from file:350) [Links](#)

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0010432969 *Drawing available*

WPI Acc no: 2001-031772/200104

XRPX Acc No: N2001-024872

Goods and service demand predicting method for predicting consumer demand, involves performing sales offer for one or more options of one or more goods and/or services at different levels of hierarchy

Patent Assignee: BIOS GROUP LP (BIOS-N)

Inventor: DARLEY V A; HERRIOT J W; KAUFFMAN S A

Patent Family (2 patents, 90 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000067191	A2	20001109	WO 2000US12471	A	20000505	200104	B
AU 200051269	A	20001117	AU 200051269	A	20000505	200111	E

Priority Applications (no., kind,date): US 1999132873 P 19990505.

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000067191	A2	EN	17	3		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200051269	A	EN			Based on OPI patent	WO 2000067191

Goods and service demand predicting method for predicting consumer demand, involves performing sales offer for one or more options of one or more goods and... Original Titles:A METHOD FOR PREDICTING PRODUCT DEMAND USING SELF -ORGANIZING DEMAND LOOPS... **Alerting Abstract** ...or more goods and/or services are offered for sale at different levels of hierarchy **Demand is predicted** for one or more goods and/or services from one or more purchases of options. ...system for **predicting demand** for one or more goods and/or services; computer executable software code stored on computer readable medium; programmed computer... **USE** - For **predicting future demand** for goods and/or services in consumer **product** company, **electronic market**... **SKUs** at different levels of **SKU**, regional and temporal hierarchy in order to obtain improved **demand forecasting**. Creation of futures and options trading system for a **wide** range of goods and services affords a mechanism which endogenously helps to smoothen and autoregulate the **supply chain**... **DESCRIPTION OF DRAWINGS** - The figure shows the method of **predicting demand** for one or more goods and/or services. Original Publication Data by

Authority**Original Abstracts:** The present invention relates generally to a system and method for **predicting** future **demand for goods** and/or services. More specifically, the invention provides a system and method for **predicting** future **demand for goods** and/or services based on information obtained from offering for sale options for the goods and/or...

? t /3,k/all

12/3,K/1 (Item 1 from file:350) [Links](#)

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0014120195 *Drawing available*

WPI Acc no: 2004-304670/200428

XRPX Acc No: N2004-242650

Procurement risk management method for large manufacturing enterprise e.g. computer manufacturers, involves computing metrics to evaluate sourcing portfolio using computed resource sourcing mix obtained using forecast scenarios

Patent Assignee: JACOBUS G C (JACO-I); OLAVSON T D (OLAV-I)

Inventor: JACOBUS G C; OLAVSON T D

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040068454	A1	20040408	US 2002264474	A	20021003	200428	B

Priority Applications (no., kind,date): US 2002264474 A 20021003

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040068454	A1	EN	46	36	

Alerting Abstract ...NOVELTY - The method invdves computing a resource mix from a sourcing portfolio of **forward contracts**, spot market (38) purchases, and inventory depletion for each period of a planning horizon based on **forecast** scenarios for resource **demand**, resource price, and resource availability and a specified inventory carrying policy for the resource. Metris... .. **DESCRIPTION OF DRAWINGS** - The drawing shows a block diagram of an exemplary **supply chain** that includes multiple suppliers and a **firm that** sells products to the customers directly and indirectly through a supply channel that includes distributors... **Original Publication Data by Authority.Original Abstracts:**method, a resource sourcing mix is computed from a sourcing portfolio of one or more **forward contracts**, spot market **purchases**, and inventory depletion for eah period of a planning horizon based on **forecast** scenarios for resource **demand**, resource price, and **resource** availability and a specified inventory carrying policfor the resource. Based upon the computed resource... .. **Claims:**method, comprising:computing a resource sourcing mix from a sourcing portfolio of one or more **forward contracts**, spot market purchases, and inventory depletion for each period of a planning horizon based on **forecast** scenarios for resource **demand**, resource price, and resource availability and a specified inventory carrying **policy** for the resource; andbased upon the computed resource sourcing mix,computing one or more...

12/3,K/2 (Item 2 from file:350) [Links](#)

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0010857204

WPI Acc no: 2001-476073/200151

Related WPI Acc No: 2002-239269; 2003-228395; 2003-299189; 2003-311519

XRPX Acc No: N2001-352372

Supply chain architecture for connecting customers, suppliers, logistics providers and financial institutions to a centralized supply chain server

Patent Assignee: ISUPPLI CORP (ISUP-N); ISUPPLI INC (ISUP-N); LIDOW D (LIDO-I)

Inventor: LIDOW D; LIDOW D I C

Patent Family (12 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001052158	A2	20010719	WO 2001US1296	A	20010112	200151	B
AU 200130936	A	20010724	AU 200130936	A	20010112	200166	E
US 20020019761	A1	20020214	US 2000175868	P	20000112	200229	E
			US 2000213279	P	20000622		
			US 2001758509	A	20010111		
EP 1254420	A1	20021106	EP 2001903073	A	20010112	200281	E
			WO 2001US1296	A	20010112		
US 20020184084	A1	20021205	US 2000175868	P	20000112	200322	E
			US 2000213279	P	20000622		
			US 2001758509	A	20010111		
			US 2002223227	A	20020815		
US 20020194043	A1	20021219	US 2000175868	P	20000112	200329	E
			US 2000213279	P	20000622		
			US 2001758509	A	20010111		
			US 2002219611	A	20020815		
US 20020194057	A1	20021219	US 2000175868	P	20000112	200330	E
			US 2000213279	P	20000622		
			US 2001758509	A	20010111		
			US 2002219612	A	20020815		
JP 2003534582	W	20031118	JP 2001552308	A	20010112	200401	E
			WO 2001US1296	A	20010112		
US 6889197	B2	20050503	US 2000175868	P	20000112	200530	E
			US 2000213279	P	20000122		
			US 2001758509	A	20010111		
AU 2001230936	A8	20050915	AU 2001230936	A	20010112	200570	E
US 7003474	B2	20060221	US 2000175868	P	20000112	200615	E
			US 2000213279	P	20000622		
			US 2001758509	A	20010111		

			US 2002219612	A	20020815		
US 20060064344	A1	20060323	US 2000175868	P	20000112	200622	E
			US 2000213279	P	20000122		
			US 2001758509	A	20010111		
			US 2002219612	A	20020815		
			US 2005273542	A	20051114		

Priority Applications (no., kind,date): US 2005273542 A 20051114; US 2002223227 A 20020815; US 2002219612 A 20020815; US 2002219611 A 20020815; US 2000213279 P 20000622; US 2000175868 P 20000112; US 2000213279 P 20000112; US 2000213279 P 20000122; US 2001758509 A 20010111

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001052158	A2	EN	105	24		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200130936	A	EN			Based on OPI patent	WO 2001052158
US 20020019761	A1	EN	48		Related to Provisional	US 2000175868
					Related to Provisional	US 2000213279
EP 1254420	A1	EN			PCT Application	WO 2001US1296
					Based on OPI patent	WO 2001052158
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20020184084	A1	EN	43		Related to Provisional	US 2000175868
					Related to Provisional	US 2000213279
					Division of application	US 2001758509
US 20020194043	A1	EN	43		Related to Provisional	US 2000175868
					Related to Provisional	US 2000213279
					Division of application	US 2001758509
US 20020194057	A1	EN	44		Related to Provisional	US 2000175868
					Related to Provisional	US 2000213279
					Division of application	US 2001758509
JP 2003534582	W	JA	103		PCT Application	WO 2001US1296
					Based on OPI patent	WO 2001052158
US 6889197	B2	EN			Related to Provisional	US 2000175868
					Related to Provisional	US 2000213279
AU 2001230936	A8	EN			Based on OPI patent	WO 2001052158

US 7003474	B2	EN		Related to Provisional	US 2000175868
				Related to Provisional	US 2000213279
				Division of application	US 2001758509
				Division of patent	US 6889197
US 20060064344	A1	EN		Related to Provisional	US 2000175868
				Related to Provisional	US 2000213279
				Division of application	US 2001758509
				Division of application	US 2002219612
				Division of patent	US 6889197

Supply chain architecture for connecting customers, suppliers, logistics providers and financial institutions to a centralized supply chain server ... Original Titles: **SUPPLY CHAIN ARCHITECTURE...** ... **Supply chain architecture...** ... **Supply chain architecture...** ... **Supply chain architecture...** ... **Supply chain architecture...** ... **Supply chain architecture...** ... **SUPPLY CHAIN ARCHITECTURE Alerting Abstract ...** NOVELTY - A system monitor (582) monitors the operation of all components of a **supply chain** server and facilitates the information flow, while customers (72) and the suppliers (74) can communicate..... USE - Providing a **supply chain** network... .. ADVANTAGE - Providing more efficient and less costly **supply chain**. Original Publication Data by Authority: **Original Abstracts:** A **supply chain** network where **customers, suppliers, logistics providers, carriers, and financial institutions** are all connected to a centralized **supply chain** server. The **server** receives forecasts from the customers detailing the orders that the customers desire. These forecasts are analyzed by the **supply chain** server to **ensure that** they conform to contractual agreements and do not contain errors. The forecasts are also used... of future demands so that the suppliers can anticipate demands and plan inventory accordingly. The **supply chain** server checks **with the** suppliers to determine whether the forecasts can fulfilled by the suppliers. If the forecasts cannot be fulfilled by the suppliers, the **supply chain** server contacts **customers and** suppliers and attempts to either redistribute the customers' demands to different suppliers or request that customers alter their demands. Once supplier **demand** issues are resolved, **the forecasts** are sent to **the** suppliers in groups so that the suppliers **need** to prepare a smaller number of large orders. The **supply chain** server also **controls the** processes involved in distributing the product from the suppliers to the customers including the generation... .. payment of invoices. A form of financing the customers' purchases, made possible by the novel **supply chain** architecture, is **also disclosed**. A **supply chain** network where customers, suppliers, logistics providers, carriers, and financial institutions are all connected to a centralized **supply chain** server. The server receives forecasts from the **customers detailing** the orders that the customers desire. These forecasts are analyzed by the **supply chain** server to ensure that they conform to **contractual agreements** and do not contain errors. The forecasts are **also** used to warn the suppliers of **future** demands so that the suppliers can anticipate demands and plan inventory accordingly. The **supply chain** server checks with the suppliers to determine **whether the** forecasts can fulfilled by the suppliers. If the forecasts cannot be fulfilled by the suppliers the **supply chain** server contacts customers and suppliers and attempts to **either** redistribute the customers' demands to different suppliers or request that customers alter the demands. Once supplier **demand** issues are resolved, the **forecasts** are sent to **the** suppliers in groups so **that** the suppliers **need** to prepare a smaller number of large orders. The **supply chain** server also controls the processes involved in **distributing the** product from the suppliers to the customers including the generation and payment of invoices. A form of financing the customers' purchases, made possible by the novel **supply chain** architecture, is also disclosed. A **supply chain** network where customers, suppliers, logistics providers, carriers, and financial institutions are all **connected to** a centralized **supply chain** server. The server receives forecasts from the customers detailing the orders

step;electronically sending by**the supply** chain server the accumulated forecast to at least one supplier;sending products corresponding to the... .. cross-dock point, wherein the products are sent according to supplier shipment instructions provided by**the supply** chain server;electronically receiving by**the supply** chain server a notice from the at least one supplier regarding the products sent to the cross-dock**point**;**generating** by **the supply** chain server at least one purchase order **based upon** the notice and generating at least one receipt based upon the notice;comparing by **the supply** chain server the at least one receipt with the supply plan;providing by **the supply chain** server at least one of a voucher and a payable when the at least one **receipt and** the supply plan match;assembling the products at the cross-dock point based upon particular... ..the forecasted demands, wherein the products are assembled according to product assembly instructions provided by**the supply** chain server; andsending corresponding products to**the particular** customers who produced the forecasted demands, wherein**the corresponding** products are sent according to customer shipment instructions provided by**the supply** chain server.

12/3,K/3 (Item 3 from file:350) [Links](#)

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0010034011 *Drawing available*

WPI Acc no: 2000-338805/200029

XRPX Acc No: N2000-254337

Multi-enterprise supply chain agreement optimizing method for stock management, involves executing option contract for product supply and updating forecasted demand

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N)

Inventor: NOTANI R N

Patent Family (8 patents, 86 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000017798	A1	20000330	WO 1999US21655	A	19990917	200029	B
AU 199958234	A	20000410	AU 199958234	A	19990917	200035	E
EP 1114382	A1	20010711	EP 1999945670	A	19990917	200140	E
			WO 1999US21655	A	19990917		
KR 2001075131	A	20010809	KR 2001703351	A	20010315	200211	E
JP 2002525761	W	20020813	WO 1999US21655	A	19990917	200267	E
			JP 2000571388	A	19990917		
TW 495690	A	20020721	TW 1999116164	A	19991101	200329	E
MX 2001002773	A1	20020801	WO 1999US21655	A	19990917	200367	E
			MX 20012773	A	20010316		
EP 1361531	A2	20031112	EP 1999945670	A	19990917	200377	E
			EP 200317350	A	19990917		

Priority Applications (no., kind,date): US 1998100981 P 19980918

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000017798	A1	EN	56	6		
National Designated States,Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 199958234	A	EN			Based on OPI patent	WO 2000017798
EP 1114382	A1	EN			PCT Application	WO 1999US21655
					Based on OPI patent	WO 2000017798
Regional Designated	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					

States,Original						
JP 2002525761	W	JA	58		PCT Application	WO 1999US21655
					Based on OPI patent	WO 2000017798
TW 495690	A	ZH				
MX 2001002773	A1	ES			PCT Application	WO 1999US21655
					Based on OPI patent	WO 2000017798
EP 1361531	A2	EN			Division of application	EP 1999945670
					Division of patent	EP 1114382
Regional Designated States,Original	DE FR GB					

Multi-enterprise supply chain agreement optimizing method for stock management, involves executing option contract for product supply and updating forecasted demand ...Original Titles:SYSTEM AND METHOD FOR MULTI-ENTERPRISE SUPPLY CHAIN OPTIMIZATIONSystem and method for multi-enterprisesupply chain optimizationSYSTEM AND METHOD FOR MULTI-ENTERPRISE SUPPLY CHAIN OPTIMIZATION Alerting Abstract ...NOVELTY - The range offorecasted demand for a product is determined at buyer computer (20). An offer to enter into an **option contract** for supply of product, is communicated from buyer computer to seller computer (40). The **option contract** is executed and **forecasted demand** is updated at buyer computer. Based on updated**forecasted demand**, the **option in contract** is exercised within range of**forecasted demand**. ... such as minimum quantity of product, minimum number of product types and minimum number of **delivery** locations for purchase and**maximum** quantity of product, maximum number of product types and **maximum** number of **delivery** locations for sales. INDEPENDENT CLAIMS are also included for the following... .. DESCRIPTION OF DRAWINGS - The figure shows block diagram of multi-enterprisesupply chain agreement optimizing system.OriginalPublication Data by Authority**Original Abstracts:**A method of optimizing multi-enterprise supply chain agreements using an **electronic option contract** includes determiningat a buyer computer a range of **forecasted demand** for a **product** and communicating from the buyer computer to a seller computer an offer to enter into an **option contract** for the **supply** of a product, the **option contract** including an**option corresponding** to the **range of forecasted demand**. The method **further includes** executing the **option contract**, updating at the **buyer computer** the **forecasted demand**, and exercising the **option in the option contract** within the **range of forecasted demand** based on the **updated forecasted demand**. A method of optimizing multi-enterprise supply chain agreements using an **electronic option contract** includes **determining at a buyer computer a range of forecasted demand** for a product and communicating from the **buyer computer** to a seller computer an offer to enter into an **option contract** for the supply of a product, the option contract including an option corresponding the range of **forecasted demand**. The method further includes executing the **option contract**, **updating** at the buyer computer the **forecasted demand**, and exercising the option in the **option contract** within the range of**forecasted demand** based on the updated**forecasted demand**. A method of optimizing multi-enterprise supply chain agreements using an **electronic option contract** includes determining at a buyer computer a **range of forecasted demand** for a product and communicating from the buyer computer to a **seller computer** an offer to enter into an**option contract** for the supply of a product, the**option contract** including an **option corresponding to** the range of**forecasted demand**. The method **further includes** executing the **option contract**, updating at the **buyer computer** the **forecasted demand**, and exercising the**option in the option contract** within the range of**forecasted demand** based on the **updated forecasted demand**. **Claims:**A method for optimizing a multi-enterprisesupply-chain agreement using an **electronic option contract**, the **method** comprising:determining,at a buyer computer system associated with a buyer,

a **forecasted** buyer **demand** range **for a product**; communicating, from the buyer computer system to a seller computer system associated with a seller, a proposed **option contract** for a supply of **the product** comprising a proposed **option** based on the **forecasted** buyer **demand** range; executing an **option contract** that comprises an **option** based at **least in** part on the **proposed option**; receiving, at the buyer computer system, an indication of current buyer demand for the product...